CIVIL QUALITY CONSULTANTS AND ENGINEERS
PROJECT PLANNING/SCHEDULE

Clients Name	1	Executive Engineer , Electrical Division , Dasarahalli Zone
Project Name	2	Providing LED Street Lights/Control Switches/Control Wires at Dark/Vulnerable places in Ward No.13,14&15
Project Start Date	3	5-May-22
Project End Date	4	19-Jun-22
Project Length in Days	5	45

Sl No	Assignment	Unit	Req Qnty	Start Date	End Date	No. of Working Days
1	Supply of LED Streetlight luminaire with pressure die cast aluminium housing with integrated thermal fins and Opticare Lamp compartment comprising of anti glare clear diffuser with fine resin moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 90 degrees (C-C) ... resistance of complete luminaire > IK08, Power Factor >0.9 with matrix, Surge Protection Min 5KV along with Over voltage, Overload, short circuit, cross wiring protection. Compatible for pole mounting with outer dia of 40mm to ... 90/60Hz application. Compliance to IS 10322, IEC 60598, LM 79 & LM 80. Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the right site location with minimized ... Efficiency>140lm/w, nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/ Osram make LED Source.LED Streetlight 90 Watts	Nos	1727.00	6-May-22	15-Jun-22	40
2	Supplying and Fixing of ... mm dia class A GI pipe bracket up to 2 Mtrs long, bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or cement or RCC pole / wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires Using 32mm dia G.I.Pipe	each	1727.00	6-May-22	15-Jun-22	40
	1.1 kV, LT Aerial Bunched Cable, conforming to IS:14255/1995 XLPE insulation Parameter shall be as below: 1. Hot Set Test: a) Elongation under Load: 50% (Max) b) Permanent Elongation After ... (Max) 2. Tensile Strength: a) Tensile Strength: 16 N/mm² (Min) b) Elongation: 375% (Min) 3. Water Absorption Test a) Water absorbed: 0.5 mg/cm² (Max) 4. Carbon Black Content shall be ranging from 2% to 3% 3x25 + 1x25 + 1x16 Sqmm Street light (Insulated Messenger cum Neutral)	Km	3.58	13-May-22	25-May-22	12
1	Structure of 1.1 kV grade Aerial Bunched 3 Core cable of XLPE insulation of size ... (Insulated Messenger Neutral) + (1x25) (Street Light Control)	Km	1.58	13-May-22	25-May-22	12

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